|  |                 |          |             |              |          |              |          |          |              |          |                              |            |          | 0          | 09/965,358     |                 |          |          |             |          |          |            | CAPERS ET AL.   |              |                 |         |              |                 |          |  |
|--|-----------------|----------|-------------|--------------|----------|--------------|----------|----------|--------------|----------|------------------------------|------------|----------|------------|----------------|-----------------|----------|----------|-------------|----------|----------|------------|-----------------|--------------|-----------------|---------|--------------|-----------------|----------|--|
|  |                 |          |             |              |          |              |          |          |              |          |                              |            | E        | Examiner   |                |                 |          |          |             |          |          | Art Unit   |                 |              |                 |         |              |                 |          |  |
|  |                 |          |             |              |          |              |          |          |              |          |                              |            |          | <u> </u> s | Sue Lao        |                 |          |          |             |          |          |            | 2194            |              |                 |         |              |                 |          |  |
|  |                 |          |             |              |          |              |          |          | ı            |          |                              |            |          |            |                |                 |          |          |             |          |          | 1          | П               | T            |                 |         |              | 1               |          |  |
|  |                 |          | √           | Rejected     |          |              |          |          |              | -        | (Through numera<br>Cancelled |            |          |            | raı)           | N               |          |          | Non-Elected |          |          |            | A               | Appeal       |                 |         |              |                 |          |  |
|  |                 |          | =           | Allowed      |          |              |          |          | ÷ Restricted |          |                              |            | :        |            | I Interference |                 |          |          | 0           | Objected |          |            |                 |              |                 |         |              |                 |          |  |
|  | Cli             | aim      |             |              |          |              | ate      |          |              |          | Claim                        |            |          |            | Date           |                 |          |          |             | С        | Claim    |            | Date            |              |                 |         |              | $\neg$          |          |  |
|  |                 |          | ٦           |              |          |              |          | T        |              |          | 1                            |            |          |            |                |                 |          |          | T           |          |          |            |                 |              |                 |         | П            | П               |          |  |
|  | Final           | Original | 9/26/05     |              |          |              |          |          |              |          |                              | Final      | Original |            |                |                 |          |          |             |          | Final    | Original   |                 |              |                 |         |              |                 |          |  |
|  | <u> </u>        | 1        | V           | _            | $\dashv$ | $\dashv$     | -        | -        | $\dashv$     | +        | -                            |            | 51       | +          | +-             | $\vdash$        |          |          | +           | H        | <u> </u> | 101        | Н               |              | $\vdash$        | -       | ╄            | $\vdash$        | _        |  |
|  | <u> </u>        | 2        | V           | $\dashv$     | $\dashv$ | $\dashv$     | _        | $\dashv$ | ┪            | +        | 1                            |            | 52       | +          | ╁              | H               | $\neg$   | -        | +           | H        |          | 102        | H               | +            | H               | +       | ╁┈           | $\vdash$        |          |  |
|  |                 | 3        | ٧           |              |          |              | $\Box$   | $\Box$   |              | $\Box$   | ]                            |            | 53       |            |                | П               |          |          |             |          |          | 103        | П               |              | П               | $\top$  | $\Box$       | П               |          |  |
|  |                 | 5        | V           | ᅱ            | _        | $\dashv$     | -        | -        | $\dashv$     | -        | 4                            | <b> </b> - | 54<br>55 | +          | ╀              | $\vdash$        | $\dashv$ | $\dashv$ | +           | H        |          | 104<br>105 | Н               | -            | H               | +       | ╀            | $\vdash \vdash$ | $\dashv$ |  |
|  | -               | 6        | Ť           | $\dashv$     | _        | $\dashv$     | $\dashv$ | $\dashv$ | ᅱ            | -+       | ┥                            |            | 56       | +          | +              | Н               | $\dashv$ | $\dashv$ | +           | H        | -        | 106        | ┤               | $\dashv$     | H               | +       | ╫            | $\vdash$        | -        |  |
|  |                 | 7        | V           |              |          |              |          | 士        |              |          | 1                            |            | 57       |            |                |                 |          |          |             |          |          | 107        |                 |              |                 |         | $\top$       |                 |          |  |
|  |                 | 8        | ٧           |              | $\dashv$ | _            | _        | 4        | _            |          | 4                            |            | 58       |            | _              | Ц               | _        |          | $\perp$     | П        |          | 108        | П               |              | Ц               | $\perp$ |              | П               |          |  |
|  | ⊢               | 9<br>10  | V<br>N      | $\dashv$     | $\dashv$ | $\dashv$     | -        | $\dashv$ | $\dashv$     | +        | 4                            |            | 59<br>60 | +-         | +-             | Н               | $\dashv$ | $\dashv$ | +           | ⊢        |          | 109<br>110 | $\vdash$        | +            | $\vdash$        | +       | +            | $\sqcup$        | Н        |  |
|  |                 | 11       | N           | $\dashv$     | $\dashv$ | -            | 十        | ┰        | $\dashv$     | -        | 1                            |            | 61       | +          | +              | H               |          |          |             | H        |          | 111        | ℍ               |              | $\vdash$        | -       | ╁            | H               | $\dashv$ |  |
|  |                 | 12       | N           | ┪            | $\neg$   | $\exists$    | 寸        | 寸        | ┪            | $\top$   | 1                            |            | 62       | +          | +              | Н               | ┪        | $\dashv$ |             | Ħ        |          | 112        | Н               | 一            | H               | 十       | $\dagger$    | Н               | Н        |  |
|  |                 | 13       | Z           |              | $\Box$   | $\Box$       | $\Box$   | $\Box$   | $\Box$       |          | ]                            |            | 63       |            | Ι              |                 |          | $\Box$   | $\Box$      |          |          | 113        |                 |              |                 |         |              |                 |          |  |
|  |                 | 14       | ٧           | _            |          | 4            |          | -        | -            | _        | 4 :                          |            | 64<br>65 | _          | ╄              | Н               | 4        | 4        |             | $\sqcup$ |          | 114        | Н               | <del> </del> | $\vdash$        |         | ╁            | $\sqcup$        | _        |  |
|  |                 | 15<br>16 | <b>&gt;</b> | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | -            | +        | -                            |            | 66       | +          | ╁              | H               | $\dashv$ | $\dashv$ | +           | H        | -        | 115<br>116 | $\vdash \vdash$ | +            | $\vdash$        | ┰       | ┿            | $\vdash\vdash$  | $\dashv$ |  |
|  |                 | 17       | V           | 7            | $\dashv$ | 7            | $\dashv$ | 十        | 7            | $\top$   | ┪                            |            | 67       | 十          | ┢              |                 | _        | $\neg$   | _           | Ħ        | $\vdash$ | 117        | $\vdash$        | +            | H               | +       | +            | H               |          |  |
|  |                 | 18       | v           | $\Box$       |          | $\Box$       |          |          |              |          | ]                            |            | 68       |            |                |                 |          | ╛        |             |          |          | 118        | П               |              |                 |         |              | П               |          |  |
|  |                 | 19       | V           | 4            | 4        | _            | 4        | -        | _            | _        | 4                            |            | 69       | $\perp$    | _              |                 | 4        | _        |             | П        |          | 119        | $\sqcup$        |              |                 |         | $oxed{oxed}$ | Ш               |          |  |
|  |                 | 20<br>21 | ٧           | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | +        | ┨                            |            | 70<br>71 | +          | +              | $\vdash \vdash$ | $\dashv$ | -        |             | $\vdash$ |          | 120<br>121 | $\vdash$        | - -          | $\vdash$        | +       | ╁            | Н               | $\dashv$ |  |
|  |                 | 22       | V           | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | ┪            | +        | ┪                            |            | 72       | +          | ╁              | H               | ┥        | $\dashv$ | +           | H        | -        | 122        | $\vdash$        | +            | $\vdash$        | +       | ╁            | H               | -        |  |
|  |                 | 23       | v           |              |          |              |          |          |              |          | ]                            |            | 73       |            |                |                 |          | ╛        |             |          |          | 123        | H               |              |                 | 十       | $\top$       |                 | $\neg$   |  |
|  |                 | 24       | ٧           | $\Box$       | $\Box$   |              | $\Box$   | $\perp$  | $\Box$       |          | ]                            |            | 74       | $\perp$    |                | П               | $\Box$   | $\Box$   |             |          |          | 124        | П               |              | П               |         |              |                 |          |  |
|  |                 | 25<br>26 |             | $\dashv$     | $\dashv$ | -            | $\dashv$ | -        | -            | +        | 4                            |            | 75<br>76 | -          | ┼-             | $\vdash$        | -        | $\dashv$ | +           | Н        |          | 125        | Н               | $\perp$      | 1               |         | ╄            | Ш               | 4        |  |
|  | -               | 27       | $\dashv$    | -            | ┰        | -            | $\dashv$ | +        | 1            | $\dashv$ | -                            |            | 77       | ┰          | ╁              | $\vdash$        | $\dashv$ | $\dashv$ | ╁           | H        | $\vdash$ | 126<br>127 | Н               | +-           | ╀               |         | ╁            | H               | $\dashv$ |  |
|  |                 | 28       | H           | ┪            | _        | $\dashv$     | 十        | 十        | ┪            | $\top$   | ┪,                           |            | 78       | 十          | +              | H               | ┪        | $\dashv$ | +-          | H        |          | 128        | Н               | +            |                 | ╅       | $\dagger$    | H               | $\dashv$ |  |
|  |                 | 29       |             |              |          |              |          |          |              |          | ]                            |            | 79       |            |                |                 |          |          |             |          |          | 129        |                 |              |                 |         |              |                 | $\Box$   |  |
|  | <u> </u>        | 30       | Ш           | 4            | 4        | 4            | 4        | 4        | _            | 4        | 4                            |            | 80       | _          | 1              | Н               | _        | 4        | _ _         | Ш        | <u> </u> | 130        | $\sqcup$        |              | $\sqcup$        |         | 4            |                 | 4        |  |
|  |                 | 31<br>32 | $\dashv$    | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | +        | ┨                            |            | 81<br>82 | ╅          | ┢              | $\vdash$        | +        | $\dashv$ | +           | Н        | _        | 131<br>132 | Н               | - -          | ╁               | +       | ╁            | H               | $\dashv$ |  |
|  |                 | 33       | $\dashv$    | 7            | $\dashv$ | 7            | 十        | 十        | _            | $\top$   | ┪                            |            | 83       | +          | †-             | $\vdash$        | $\dashv$ | $\dashv$ | +           | H        | $\vdash$ | 133        | H               | +-           |                 | _       | T            | Н               | ᅱ        |  |
|  |                 | 34       |             |              |          |              |          |          | $\Box$       |          | ]                            |            | 84       |            |                |                 |          |          |             |          |          | 134        |                 |              |                 |         |              |                 |          |  |
|  |                 | 35       |             | 4            | _        | 4            | 4        | -        | 4            | _        | 4                            |            | 85       |            | ↓_             | Н               | 4        | $\dashv$ |             | Ц        |          | 135        | Ц               |              |                 |         | ┖            | Ш               |          |  |
|  | $\vdash$        | 36<br>37 | $\dashv$    | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | +        | ┥            |          | -                            |            | 86<br>87 | +          | ┼              | ├┤              | $\dashv$ | $\dashv$ | +           | Н        | <u> </u> | 136<br>137 | Н               |              | $\vdash$        | _       | $\vdash$     | $\vdash$        |          |  |
|  | -               | 38       | $\vdash$    | $\dashv$     | +        | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | ┪ ┃                          |            | 88       | +          | t              | $\vdash$        | ┪        | -        | +           | H        |          | 138        | $\vdash$        | +            | ╁               | +-      | +            | ╁┼              | ᅥ        |  |
|  |                 | 39       |             |              | I        |              | ⇉        |          |              |          | ]                            |            | 89       |            |                |                 |          |          |             | $\Box$   |          | 139        | $\Box$          |              |                 |         |              | H               |          |  |
|  |                 | 40       |             | _            | 4        | $\downarrow$ | $\perp$  | 4        | $\dashv$     | 1        | ]                            |            | 90       |            | $\Box$         | П               | $\Box$   |          |             |          |          | 140        |                 |              |                 |         |              | П               | $\Box$   |  |
|  |                 | 41<br>42 | $\dashv$    | 4            | +        | +            | $\dashv$ | +        | 4            | +        | ┨                            |            | 91<br>92 | +          | ╀              | $\vdash \vdash$ | -        | $\dashv$ | +           | H        | <u> </u> | 141<br>142 | $\vdash \vdash$ | +            | $\vdash$        | +       | +            | $\sqcup$        |          |  |
|  | $\vdash \vdash$ | 43       | $\dashv$    | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$ | +        | $\dashv$     | $\dashv$ | ┪╽                           |            | 93       | +          | $\vdash$       | $\vdash \vdash$ | $\dashv$ | $\dashv$ |             | H        | <b>-</b> | 142        | $\vdash$        | +            | $\vdash \vdash$ | +       | +            | $\vdash$        | $\dashv$ |  |
|  |                 | 44       |             |              |          | ╛            |          | 丁        | ╛            | 土        | ]                            |            | 94       | 1          |                |                 | 寸        |          |             |          |          | 144        | 一               | 工            |                 | 士       | $\perp$      |                 |          |  |
|  | oxdot           | 45       | $\Box$      | 4            | $\dashv$ | $\bot$       | $\bot$   | $\perp$  | 4            | $\bot$   | <b>↓</b>                     |            | 95       | $\bot$     | $\vdash$       | П               | Ц        | $\Box$   |             | П        |          | 145        | Д               |              | П               | T       | Г            | П               | $\Box$   |  |
|  | $\vdash \vdash$ | 46<br>47 | $\dashv$    | $\dashv$     | +        | $\dashv$     | +        | +        | +            | +        | ┨                            |            | 96<br>97 | +          | ┼              | $\vdash$        | $\dashv$ | -        |             | Н        | <b> </b> | 146<br>147 | $\vdash$        |              | $\vdash \vdash$ | -       | +            | igwdapsilon     | 4        |  |
|  | $\vdash \dashv$ | 48       | $\dashv$    | $\dashv$     | +        | $\dashv$     | $\dashv$ | +        | $\dashv$     | +        | ┨                            |            | 98       | +          | +              | $\vdash \vdash$ | +        | $\dashv$ | $\dashv$    | Н        | -        | 147        | $\vdash$        | +            | $\vdash \vdash$ | +       | 1            | $\vdash \vdash$ | $\dashv$ |  |
|  |                 | 49       |             | ╛            | ╛        | ╛            | 丁        | 士        | $\exists$    | 丁        | j                            |            | 99       |            |                |                 |          |          |             | П        |          | .149       | $\vdash$        |              | 廿               | $\top$  | $\top$       | $\vdash$        | $\dashv$ |  |
|  |                 | 50       |             | $oxed{\Box}$ | $\Box$   | Π            | T        | T        |              |          | ] [                          |            | 100      |            |                |                 | $\Box$   |          |             |          |          | 150        |                 |              |                 | T       |              | П               | ヿ        |  |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination